

Comparisons of Job Characteristics

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)
Associated Occupation: Rock Splitters, Quarry (47-5051)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 58

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)
Associated Occupation: Rock Splitters, Quarry (47-5051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	9.0	9.6	0 Current knowledge level may be sufficient
Transportation	4.6	6.3	9.6	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)
Associated Occupation: Rock Splitters, Quarry (47-5051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	9.1	10.0	0 Current skill level may be sufficient
Operation Monitoring	6.6	8.5	10.3	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)
Associated Occupation: Rock Splitters, Quarry (47-5051)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
--	---------------------------------	--------------------------------	---------------------------	--------------------------------

Arm-Hand Steadiness	6.8	11.8	12.0	0	Current ability level may be sufficient
Static Strength	5.0	11.4	8.2	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.0	11.2	0	Current ability level may be sufficient
Trunk Strength	5.7	10.7	8.4	<	Some improvement in abilities may be required
Extent Flexibility	4.8	9.9	8.8	<	Some improvement in abilities may be required
Stamina	4.0	9.4	6.0	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	8.8	5.9	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	7.7	5.8	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	7.3	6.0	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	6.6	6.0	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 95

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)
Associated Occupation: Rock Splitters, Quarry (47-5051)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Charge blasting holes with explosives	82
Identify properties of rocks or minerals	85
Operate jackhammer	87
Perform safety inspections in construction or resource extraction setting	46
Use hand or power tools	2
Use measuring devices in construction or extraction work	41

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)
Associated Occupation: Rock Splitters, Quarry (47-5051)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.